

PDRSF 11.3.17.1 v.1
4/30/08

Doc No. 8

USEPA SF



1363955

**REVISED PHASE I ENVIRONMENTAL ASSESSMENT
for FRED DEVINE DIVING & SALVAGE, INC.
6211 N. ENSIGN STREET, SWAN ISLAND
PORTLAND, OREGON
ENV92-188**

Prepared For: B.B.D. & R.
C/O Mr. Charles Parks
Dir & Aggregate Interchange
20905 N.E. Sandy Boulevard
Troutdale, Oregon 97060

Prepared By:

MARINE & ENVIRONMENTAL TESTING, INC.



ROBERT G. CREWSE, REA
Manager, Environmental Services

June 1, 1993

4/24/94

EXECUTIVE SUMMARY

Marine & Environmental Testing, Inc. conducted a Phase 1 Environmental Site Assessment in July 1992 on 5.74 acres of property located on the northeast side of the Swan Island Lagoon, at 6211 N. Ensign Street in the Swan Island Industrial Park in Portland, Oregon. The purpose of this update is to review current site conditions, and to revise the July 1992 assessment by including activities that have occurred on and near the site since that time. The site was originally evaluated for potential environmental risks associated with historical on-site and surrounding land uses and for possible contamination from hazardous materials and/or waste.

Fred Devine Diving & Salvage and Pacific Coast Environmental are still the only occupants. Three underground storage tanks previously located on the site have been removed. Two above ground storage tanks previously used for diesel fuel are no longer being used and will soon be removed from the site. Paint, lubricants, and cleaning chemicals are stored in the warehouse. Fred Devine and PCE do not generate hazardous wastes. During the on-site survey no obvious evidence of gross contamination from hazardous material or waste was detected.

Searches of local, state, and federal regulatory files and lists failed to reveal any environmental concerns on the property. The businesses and other sites located within one-half mile of the property do not appear to pose a threat to the site from contamination from hazardous material and/or waste.

Based on the site investigation and historical records search, the general environmental condition of the site does not appear to pose a threat to human health or the environment. No direct evidence was found to indicate that there is or has been a significant contamination problem on or affecting the subject site.

TABLE OF CONTENTS

INTRODUCTION	1
SITE LOCATION AND DESCRIPTION	1
ON-SITE SURVEY	2
ASBESTOS	2
POLYCHLORINATED BIPHENYLS	2
UNDERGROUND STORAGE TANKS	3
REGULATORY AGENCY FILE SEARCH	3
OFF-SITE SURVEY	4
ENVIRONMENTAL CLEANUP DIVISION	4
OFF-SITE UNDERGROUND STORAGE TANKS	5
OFF-SITE UST CLEANUP SITES	6
OFF-SITE HAZARDOUS WASTE HANDLERS/GENERATORS	7
CONCLUSIONS	8
RECOMMENDATIONS	9
DISCLAIMER	10
REFERENCES	11

Appendices

Appendix A Scope of Work
Appendix B UST Files

Photographs

Site Survey Photographs
Aerial Photograph - 1991

Tables

Table 1 Environmental Cleanup Division Sites
Table 2 Registered USTs Within One-half Mile of the Site
Table 3 UST Cleanup Sites Within One-half Mile of the Site
Table 4 Oregon Hazardous Waste Handlers/Generators

**REVISED PHASE I ENVIRONMENTAL ASSESSMENT
for FRED DEVINE DIVING & SALVAGE, INC.
6211 N. ENSIGN STREET, SWAN ISLAND
PORTLAND, OREGON**

INTRODUCTION

Marine & Environmental Testing, Inc. (M&ET) was retained by B.B.D. & R. to update a Phase I Environmental Site Assessment (ESA) completed in July 1992 for 5.74 acres of property located at 6211 N. Ensign Street, Swan Island, Portland, Oregon, known as Fred Devine Diving & Salvage, Inc. The purpose of a Phase 1 ESA is to identify the general environmental condition of the site and to evaluate the potential for the presence of contamination from hazardous material and/or waste. The purpose of this update is to address any thing that may have occurred that would affect the conclusions and recommendations of the original assessment. This update includes, but is not limited to, a Department of Environmental Quality (DEQ) file search; interviews with current owners, and a site inspection. In the preparation of this assessment it was the goal of M&ET to make all appropriate inquiries into the past uses of this property to determine if hazardous materials were used there, and if those materials or other hazardous materials or waste have been disposed of on the site.

SITE LOCATION AND DESCRIPTION

The facility serves as headquarters for Fred Devine Diving and Salvage, Inc., and for a tenant, Pacific Coast Environmental (PCE). The rectangularly shaped 5.74 acre site is located on the northeast shore of the Swan Island Lagoon at 6211 N. Ensign Street, Portland, Oregon, in the Port of Portland developed Mocks Landing Industrial Park. The property is bordered on the northeast by a United Parcel Service facility, on the southeast by an office and helicopter landing pad for Lifeflight, on the southwest by the Swan Island Lagoon, and on the northwest by the U.S. Marine Corps/U.S. Navy Reserve Center. Two buildings are located on the site. A two story, wood framed, flat roofed office building is located on the south end of the property, and a metal building containing warehouse and workshop space is on the northeast side. The north end of the site is a storage yard.

ON-SITE SURVEY

A site survey was conducted by a Registered Environmental Site Assessor (REA) on May 18, 1993. During this visit to the site the existing environmental condition and the potential for contamination from hazardous material and/or waste was evaluated. Areas of possible concern were inspected, including the potential for the presence of hazardous chemicals used on site, storage of hazardous materials and hazardous waste, proper disposal of hazardous waste and other wastes, and the presence of asbestos, polychlorinated biphenyls (PCBs), and underground storage tanks (USTs).

Information regarding the site was supplied by Mr. Kerry Walsh from Fred Devine, and Mr. Don Strathern from PCE. Large quantities of old wood and metal debris accumulated over the years have been removed from the site. The site was inspected for three previously existing underground storage tanks. The tanks have been removed from the site. The fuel dispensing pumps and vertical vent lines located next to the warehouse were left in place in anticipation of replacing the underground storage tanks a later date. Two pad mounted electrical transformers are located on the site. Several portable steel containers located in the yard are used to store empty drums, hoses, ropes, and other salvage and diving equipment. Solvents, cleaners and other chemicals used in the operation of the business are stored inside the warehouse in closed containers. Diesel fuel for use on the site will no longer be stored in two above ground tanks near the northern corner of the site. Small amounts of fuel are stored in five gallon cans and 55-gallon steel drums inside the warehouse.

PCE uses approximately 50 feet by 150 feet for truck and equipment storage. According to Mr. Don Strathern of PCE they do not store hazardous waste at the site. No obvious evidence of improperly disposed hazardous waste was observed on the site.

ASBESTOS

There is no obvious evidence of any ACMs on the site.

POLYCHLORINATED BIPHENYLS

No other potential sources of PCBs were observed on the site.

UNDERGROUND STORAGE TANKS

The name and address of the site appears on the DEQ's list of registered underground storage tanks. The site was physically inspected for obvious evidence of three previously existing USTs, none was found. The three USTs were located on the southwest side of the warehouse/shop (Site Photographs). Two 2,000 gallon USTs installed in 1975 when the first phase of the warehouse was constructed, and a 4,000 gallon UST installed in 1979 were decommissioned and removed from the site between May 5th and 7th, 1993. Use of these USTs was discontinued approximately two and one-half years ago. The analyses of soil samples collected from the excavations indicate the soil is free of contamination from petroleum hydrocarbons.

The DEQ had not received the decommissioning reports as of June 2, 1993. State regulations require a Decommissioning Service Change Report and a Decommissioning Checklist to be completed and submitted to the DEQ within 30 days after the decommissioning was completed. Through an oversight, the completed documents had not been forwarded to the proper section at DEQ. The documents were mailed on June 2, 1993. A copy of the decommissioning documents submitted to the DEQ is in Appendix B of this update.

REGULATORY AGENCY FILE SEARCH

As a part of the Phase 1 ESA, current regulatory agency files at the DEQ were reviewed.

- Environmental Cleanup Division Site Information System as of April 8, 1993.
- Oregon Hazardous Waste Facilities as of May, 1993.
- Underground Storage Tanks Registered in Oregon as of May 6, 1993.
- The Underground Storage Tank Cleanup List as of April 7, 1993.
- The U.S. EPA Superfund (CERCLIS), as of April 1, 1993.
- The DEQ Confirmed Release List as of December 3, 1992.

Other than the Registered UST Listing the name or the address of the site does not appear on any of the regulatory lists obtained from the State of Oregon DEQ or the U.S. EPA.

OFF-SITE SURVEY

The current regulatory agency files were also reviewed for sites that are located within one-half mile of the property that may pose an environmental risk to the site. During the off-site survey and the file search and review for the property, information regarding addresses within one-half mile of the site were examined. Only the sites that did not appear on the lists included in the July 1992 Phase 1 Assessment or sites that have changed are listed in this report update. The results of the survey, file search and review follows.

ENVIRONMENTAL CLEANUP DIVISION

The Environmental Cleanup Division (ECD) Site Information System listing was searched for sites within one-half mile of the subject property. Two were found.

TABLE 1
ENVIRONMENTAL CLEANUP SITE INFORMATION

NAME	ADDRESS	SITE ID.
USDOT - CG Marine Safety Station	6767 N. Basin Ave.	1338
Mocks Bottom	North Swan Island	1306

Sites can be placed on this listing based on unconfirmed information. The following disclaimer appears on the listing, "Appearance in this report neither confirms nor denies the release of a hazardous substance at the facility; nor does it indicate whether the facility is contaminated or cleanup is necessary, currently underway or completed." The potential contamination at the sites appearing on this listing is limited to the site and does not appear to pose an environmental threat to the subject property because it has not been verified.

OFF-SITE UNDERGROUND STORAGE TANKS

During the off-site survey it was determined that there are several facilities within approximately one-half mile of the site that have USTs registered with the State of Oregon.

Only USTs governed by state and federal regulations are required to be registered with the State of Oregon DEQ. This does not include tanks containing heating oil for consumption on the site they are located, or non-commercial farm gasoline or diesel tanks of 1,100 gallons or less capacity.

TABLE 2
REGISTERED USTs WITHIN ONE-HALF MILE OF THE SITE

NAME	ADDRESS	ACTIVE	DECOM
Automatic Vending Co.	5001 N. Lagoon Ave.	0	6
Boise Cascade Office Products	4660 N. Lagoon Ave.	0	1
C.H. Murphy, Inc.	5565 N. Dolphin St.	0	1
CENEX Ag. Inc.	6147 N. Basin Ave.	0	2
Columbia Distributing Co.	6840 N. Cutter Circle	1	0
Fred Devine Diving & Salvage *	6211 N. Ensign	3	0
Kent Terminals of Oregon	2800 N. Going St.	1	0
Portland Motor Pool	6400 N. Cutter Circle	1	0
United Parcel Service	6707 N. Basin	2	6

* The active USTs on this list will be changed to decommissioned USTs as soon as the report is received and processed by the DEQ.

OFF-SITE UST CLEANUP SITES

Locations of leaking underground storage tanks reported to the DEQ are placed on the UST Cleanup List. This list was checked for sites within one-half mile of the site. See Table 3.

TABLE 3
UST CLEANUP SITES WITHIN ONE-HALF MILE OF THE SITE

NAME	ADDRESS	CLEANUP START	END DATE
Portland Ship Repair Yard	5555 N. Channel	8-9-89	7-24-92
Swan Island Fred Meyer	5000 N. Basin	-	-
Sears, Roebuck & Co.	5230 N. Basin	-	-

These UST cleanup sites do not present an environmental threat to the subject property because of their distance from the subject property.

OFF-SITE HAZARDOUS WASTE HANDLERS/GENERATORS

Businesses in the State of Oregon that generate and/or transport hazardous waste are required to apply for an Environmental Protection Agency Identification Number (EPA I.D. #). The names and EPA I.D. #s of these businesses appear on lists of hazardous waste handlers issued by the DEQ. The generators fall into three categories (1) Large Quantity (LQ) Generators that generate more than 2200 pounds of hazardous waste in one month; (2) Small Quantity (SQ) Generators that generate between 220 and 2200 pounds of hazardous waste in one month; and (3) Conditionally Exempt small quantity Generators (CEG). The list was searched for businesses located within one-half mile of the site. See Table 4.

TABLE 4
OREGON HAZARDOUS WASTE HANDLERS/GENERATORS

NAME	ADDRESS	LQ/SQ	EPA ID*
Freightliner Corp.	5400 N. Basin	LQ	ORD003991478
Penske Truck Leasing	6840 N. Cutter Circle	CEG	ORD987199106
Roadway Express	6845 N. Cutter Circle	SQ	ORD987199361

These businesses properly dispose of quantities of hazardous wastes including solvents, other used petroleum products, and do not pose a direct environmental threat to the subject property.

CONCLUSIONS

Marine & Environmental Testing, Inc. conducted a Phase 1 Environmental Site Assessment in July 1992 on 5.74 acres of property located on the northeast side of the Swan Island Lagoon, at 6211 N. Ensign Street in the Swan Island Industrial Park in Portland, Oregon. The purpose of this update is to review current site conditions, and to revise the July 1992 assessment by including activities that have occurred on and near the site since that time. The site was originally evaluated for potential environmental risks associated with historical on-site and surrounding land uses and for possible contamination from hazardous materials and/or waste.

Fred Devine Diving & Salvage and Pacific Coast Environmental are still the only occupants. Three underground storage tanks previously located on the site have been removed. Two above ground storage tanks previously used for diesel fuel are no longer being used and will soon be removed from the site. Paint, lubricants, and cleaning chemicals are stored in the warehouse. Fred Devine and PCE do not generate hazardous wastes. During the on-site survey no obvious evidence of gross contamination from hazardous material or waste was detected.

Searches of local, state, and federal regulatory files and lists failed to reveal any environmental concerns on the property. The businesses and other sites located within one-half mile of the property do not appear to pose a threat to the site from contamination from hazardous material and/or waste.

RECOMMENDATIONS

Based on the site investigation and historical records search, the general environmental condition of the site does not appear to pose a threat to human health or the environment. No direct evidence was found to indicate that there is or has been a significant contamination problem on or affecting the subject site.

DISCLAIMER

The intent of this study was to establish an environmental baseline relative to the present conditions occurring at the site; to identify areas where gross chemical contamination may have occurred on the site; and to identify any contamination that has occurred on adjacent properties which could adversely affect the property in question. It must be recognized that this assessment was prefatory in nature and, as a consequence, it is possible that contamination was present at the site even though no contamination was discovered during the investigation. A more extensive assessment would be required to quantitatively define the presence or absence of specific contamination at the site.

Information has been gathered from past and present owners of the subject property in addition to several state, city, and local governmental agencies during this assessment. Marine & Environmental Testing, Inc. has reported this information as supplied to them by the owner and these agencies, and accepts no liability as to its accuracy.

This assessment was conducted expressly for B.B.D. & R. The use of the information provided in this report with respect to the disposition of said property is the sole responsibility of B.B.D. & R. and/or their designees.

M&ET appreciates the opportunity to have assisted B.B.D. & R. in this environmental site assessment. If there are any questions concerning this report, or if we may be of further service, please contact us.

REFERENCES

Walsh, Kerry, Fred Devine Marketing Manager, Portland, Oregon, May 18, 1993 personal communication.

Strathern, Don, PCE CEO, Portland, Oregon, May 18, 1993, personal conversation.

Bergman Photographic Studios, staff personnel, Portland, Oregon, May, 1993, personal communication.

Department of Environmental Quality, staff personnel, Portland, Oregon, May, 1993, personal communication.

APPENDIX A
SCOPE OF WORK

March 29, 1993

Mr. Charles Parks
B B D & R
6211 N. Ensign, Swan Island
Portland, Oregon 97217

Re: Phase I Environmental Site Assessment Update for property located at 6211 N. Ensign, Swan Island, Portland, Oregon.

Dear Mr. Parks:

The following scope of work is proposed for updating a Phase I Environmental Site Assessment originally completed on July 17, 1992 for 5.74 acres of property located at 6211 N. Ensign on Swan Island in Portland, Oregon formerly known as Fred Devine Diving & Salvage, Inc.

The purpose of a Phase I Environmental Site Assessment (ESA) is to identify the general environmental condition of the site, and the potential of liability for cleanup of possible site contamination. This update includes, but is not limited to, a file and historical review; interviews with current and past occupants, a site inspection, to determine and record events that have occurred since the Phase 1 ESA was completed on July 17, 1992. The following tasks show the level of effort of the study.

Task 1 - Historical Review

Former owners and/or occupants of the site will be contacted to establish land use since July 1992. A file search will be conducted to determine whether there are new documented environmental problems regarding the site. The sources of information include, but are not limited to, State and Federal regulatory agency files (regional files, hazardous waste generator lists, underground storage tank list, and inventory of hazardous waste sites), CERCLIS, fire department records, and building permits. A recent aerial photograph will be reviewed to establish recent on-site changes.

Task 2 - Off-Site Review

An investigation will be conducted to determine the possible locations of recent nearby hazardous waste facilities, uncontrolled waste sites, and other nearby sites which may pose an environmental risk to the project site. The sources of information include, but are not limited to State regulatory agency files, inventory of suspected hazardous waste sites, CERCLIS, interviews with property owners and aerial photographs.

Task 3 - Review Groundwater, Surface Water, and Existing Soil Information

Well logs from United States geological survey records for wells located on and/or near the site will be examined. The State Water Resources Department records will also be researched to determine whether surface and/or groundwater data is available. City and/or county planning and zoning maps will be examined to determine the possible environmental constraints (e.g. flooding) affecting the site. Other agencies will be contacted as appropriate.

Task 4 - Site Survey

A Registered Environmental Assessor will conduct an on-site inspection to determine whether hazardous materials/wastes are present or have been used or disposed of on the site. Emphasis will be given to the following: light ballasts, transformers and other electrical equipment containing PCBs; sumps, cisterns, drains, underground and above ground storage tanks, the potential for soil or ground water contamination, and the presence of wetlands.

Task 5 - Written Report

The final product of the ESA is a written report documenting the findings of Tasks 1 through 4. Current site photographs, aerial photographs and other appropriate documentation will be included. The potential environmental concerns related to the property will be discussed. Recommendations (if required) for further study or testing will be provided.

The cost for completing a Phase I Environmental Site Assessment on the site is \$. A verbal report explaining possible contamination or other environmental concerns will be submitted as soon as it becomes evident. The written report for the project will be completed within two to three weeks from the time a contract is signed by both Marine & Environmental Testing, Inc. and B B D & R. If you have any questions regarding the cost estimate or scope of work, please contact me at (503) 282-6920.

Respectfully,
MARINE & ENVIRONMENTAL TESTING, INC.

Robert G. Crewse, CEI/REA
Manager, Environmental Services

APPENDIX B

UST FILES

NWR

Oregon Department of Environmental Quality

NOTICE OF UNDERGROUND STORAGE TANK PERMANENT DECOMMISSIONING/SERVICE CHANGE

FACILITY (Location of Tanks)		TANK OWNER	
Name: <u>Fred Devine Diving & Salvage</u>	Name: <u>Fred Devine Diving & Salvage</u>		
Address: <u>6211 N. Ensign</u>	Address: <u>6211 N. Ensign</u>		
<u>Portland, OR 97217</u>	<u>Portland, OR 97217</u>		
Phone: _____	Phone: _____		
DEQ Facility I.D. Number: <u>7447</u>			
Work To Be Performed By: <u>Contractor to be selected</u>		License: _____	
(Owner or Licensed Service Provider)			
Phone: _____	Mobile Phone: _____		

FORM MUST BE SUBMITTED BY UST OWNER OR OPERATOR 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on reverse)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes _____ No X

Date decommissioning is scheduled to begin: 4/1/93 ³⁰

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure ¹ Inplace	New ² Product	Yes ³	No
1	CBHF	2000	gasoline		X				X
2	CBGH	2000	gasoline		X				X
3	CBHH	4000	gasoline		X				X

* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a new permit application containing information on the new tanks 30 days before placing them in service.

¹ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

Signature: [Signature] Date: 2/25/93
(Owner or Operator)

Rec'd 2/24/93

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 7447

DATE: 4-13-93

FACILITY NAME: FRED DENINE - SALVAGE

FACILITY ADDRESS: 6211 N. ENSIGN

PORTLAND, OR 97217

PHONE: 283-5285

The following information **MUST** be submitted by the underground storage tank owner, operator or licensed DEQ Supervisor within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 through -150)

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

A. DATES:

Decommissioning/Service Change Notice - Date Submitted: 3-1-93 (30 days before work starts)

Work Start Telephone Notice - Date Submitted: 3-29-93 (3 working days before work starts)

DEQ Person Notified: SHEILA MONROE

Date Work Started: 4-5-93

Date Work Completed: 4-7-93

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: N/A By: _____

DEQ Person Notified: _____

Backfill Telephone Notice - Date Called: _____ (before backfilling)

DEQ Person Notified: _____

B. PERMITS:

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

DEQ Water Discharge Permit #: N/A Date: _____

Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

RECEIVED

MAY 13 1993

Marine & Environmental Technology

B. PERMITS (Continued)

UST Soil Treatment Permit Addendum - Type: _____ Date: _____

Soil Disposal or Treatment Location: _____

C. TANK INFORMATION:

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure [∞] Inplace	New [∞] Product	Yes*	No
3		4000	GAS		X				X
2		2000	GAS		X				X
1		2000	GAS		X				X

* Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.

[∞] Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

D. DISPOSAL INFORMATION:

Tank #	Tank & Piping Disposal Method				Disposal Location of Tank Contents *	
	Scrap	Land-fill	Other	Identify Location & Property Owner	Liquids	Sludges
1	✓				DRY	DRY
2	✓				DRY	DRY
3	✓				DRY	DRY

* Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

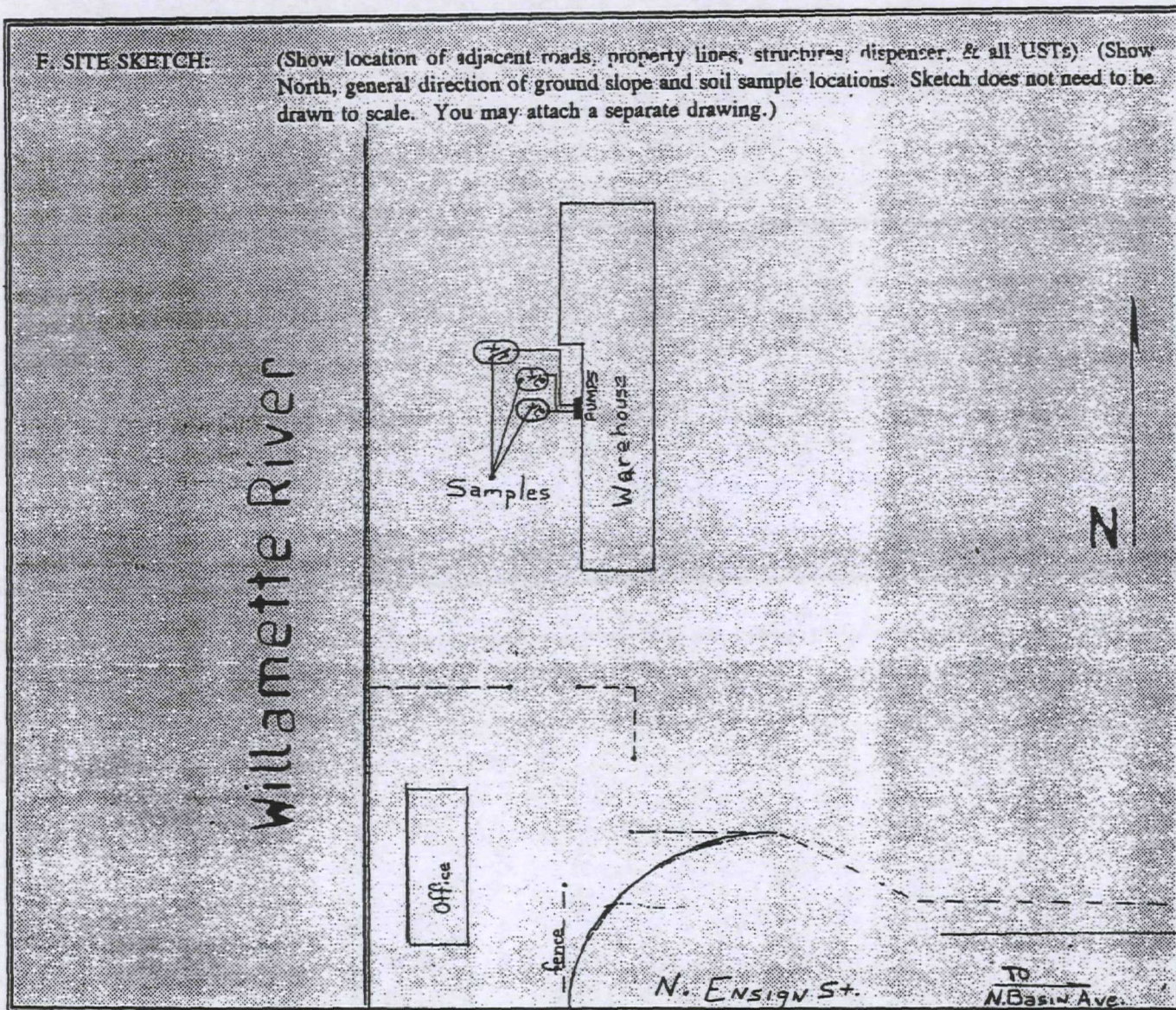
E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1	NO	NO	NO	1	COFFEY LABORATORIES
2	NO	NO	NO	1	12423 N.E. WHITAKER WAY
3	NO	NO	NO	1	PORTLAND, OR. 97230

* Note: Sampling is required if groundwater is encountered. See cleanup rules.

F. SITE SKETCH:

(Show location of adjacent roads, property lines, structures, dispenser, & all USTs). (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)



G. WORK PERFORMED BY:

DEQ Service Provider's License #: 10265 Construction Contractors License #: 70413

Name: ESU Inc

Telephone: 606-2505

DEQ Decommissioning Supervisor's License #: 18166

Name: Scott Morey

Telephone: 606-2505

DEQ Soil Matrix Service Provider's License #: _____ (If applicable)

Name: _____

Telephone: _____

DEQ Soil Matrix Supervisor's License #: _____ (If applicable)

Name: _____

Telephone: _____

H. ATTACHMENTS TO THIS REPORT:

1. Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QL information. Include laboratory name, address and copies of chain-of-custody forms.
2. If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix analysis for the site including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

I. REPORT FILING:

This report, signed by the tank owner or operator, complete with all applicable attachments must be filed with DEQ headquarters within 30 days after the excavation is backfilled or change-in-service is complete. Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets or contamination, etc.).

NOTE: If contamination was found during site assessment at decommissioning or change-in-service and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Return Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Report
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this report and the attachments and find them to be true and complete.

Signature: _____

Date: _____

(Owner or Operator)

For information: (503) 229-5733 or Toll Free in Oregon UST HELPLINE 1-800-742-7878



Report Date: April 9, 1993

Job#: TP-930406A-3

PO#: None Provided

Project#: None Provided

Project: Devine Diving

Attention: Scott Morey

E.S.U.

2053 S.E. First St

Gresham, OR 97030

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 04/06/93

Lab No.	Field Identification	Sample Matrix	Date	Time
1	1-2K	Soil	04-05-93	1430
2	2-2K	Soil	04-05-93	1430
3	4K	Soil	04-05-93	1430

ANALYTICAL RESULTS ARE ON THE FOLLOWING PAGE(S).

Sincerely,

Susan M. Coffey
Susan M. Coffey
President

SMC/mlh

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

COFFEY LABORATORIES, INC.

12423 N.E. Whitaker Way • Portland, OR • 97230 • (503) 254-1794 • FAX (503) 254-1452

Page 2 of 3

Job#: TP-930406A-3

E.S.U.

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

	<u>1-2K</u> <u>RESULTS</u>	<u>1-2K</u> <u>DUPLICATE</u>	<u>2-2K</u> <u>RESULTS</u>
Gasoline detected by TPH-HCID			
Gasoline not detected by TPH-HCID	✓	✓	✓
Diesel detected by TPH-HCID			
Diesel not detected by TPH-HCID	✓	✓	✓
Hydrocarbons heavier than C28 detected			
Recommended further analysis:			
TPH-G			
TPH-D			
TPH-418.1			
None	✓	✓	✓
Surrogate Recovery %	74	92	100

COFFEY LABORATORIES, INC.

12423 N.E. Whitaker Way • Portland, OR • 97230 • (503) 254-1704 • FAX (503) 254-1450



Page 3 of 3

Job#: TP-930406A-3

E.S.U.

Analysis Performed: TPH-HCID Qualitative Scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

4K
RESULTS

Gasoline detected by TPH-HCID

Gasoline not detected by TPH-HCID

✓

Diesel detected by TPH-HCID

Diesel not detected by TPH-HCID

✓

Hydrocarbons heavier than C28 detected

Recommended further analysis:

TPH-G

TPH-D

TPH-418.1

None

✓

Surrogate Recovery %

71

COFFEY LABORATORIES, INC.

12423 N.E. Whitaker Way • Portland, OR • 97230 • (503) 254-1794 • FAX (503) 254-1452

Oregon Department of Environmental Quality
UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

DEQ FACILITY NUMBER: 7447

DATE: 4-13-93

FACILITY NAME: FRED DEVINE SALVAGE

FACILITY ADDRESS: 6211 N. ENSIGN, PORTLAND, OR. 97217

PHONE: 283-5285

A. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: A size 2 dry CHEM ABF

Recharge Date: 4-2-93

Combustible Gas Detector: Model: 2A

Calibration Date: 4-2-93

Oxygen Analyzer: Model: _____

Calibration Date: _____

**B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)
(Check Appropriate Box)**

1. All electrical equipment grounded and explosion proof?

2. Safety equipment on job site?

3. Overhead electrical lines located?

4. Subsurface electrical lines off or disconnected?

5. Natural gas lines off or disconnected?

6. No open fires or smoking material in area?

7. Vehicle and pedestrian traffic controlled?

8. Excavation material area cleared?

9. Rainwater runoff directed to treatment area?

10. Drained and collected product from lines?

11. Removed product and residual from tank?

12. Cleaned tank?

13. Excavated to top of tank?

14. Removed tank fixtures? (pumps, leak detection equip.

15. Removed product, fill and vent lines?

Yes	No	Unk	N/A
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			
✓			

C. TANK ABANDONMENT IN-PLACE:

16. Sampling plan approved by DEQ?

Date: _____ DEQ Staff: _____

--	--	--	--

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)
(Check Appropriate Box)

Yes	No	Unk	N/A
			✓
✓			

17. Contamination concerns fully resolved?

18. Fill Material? Type: 3/4" - CRUSHED

D. TANK REMOVAL:

19. Tank placement area cleared, chocks placed?

20. Purged or ventilated tank to prevent explosion?

Method used: DRY ICE 6 lbs per 1K Meter reading: _____

21. No chains or steel cables wrapped around tank for removal?

22. Tank removed, set on ground, blocked to prevent movement?

23. Tank set on truck and secured with strap(s)?

24. Tank labeled before leaving site?

✓			
✓			
✓			
✓			
✓			
✓			

E. SITE ASSESSMENT:

25. Site assessed for contamination? See OAR 340-122-340

26. Soil samples taken and analyzed?

27. Decommissioning/Change-in-Service report sent to DEQ?

28. Was contamination found? Date/Time: _____

29. Was contamination reported to DEQ? By: _____

Date/Time: _____ DEQ Staff: _____

30. Was hazardous waste determination made for tank contents (Liquids/sludges)?

✓			
✓			
✓			
	✓		
			✓
			✓

31. Disposal location of tank(s) contents.

Name: N/A

Date: _____

Address: _____

Attach disposal receipt.

32. Disposal or recycling location of removed tank(s) and associated piping.

Name: _____

Date: _____

Address: _____

Attach disposal receipt.

33. If tank(s) are intended to be reused, identify new tank site.

Name: N/A

Date: _____

Address: _____

Purpose of Reuse: _____

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 10265
Name: E.S.U., INC.
Telephone: 666-2505

DEQ Decommissioning Supervisor's License #: 1866p
Name: Scott Morey
Telephone: 666-2505

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.
2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to: Department of Environmental Quality
UST Program - Decommissioning Checklist
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Scott Morey Date: 8-13-93
(Licensed Supervisor)

Signature: _____ Date: _____
(Owner or Operator)

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

SITE SURVEY PHOTOGRAPHS



1. Large amounts of wood and other debris have been removed from the storage yard. This view of the site is from the northwest corner of the storage yard looking southeast.

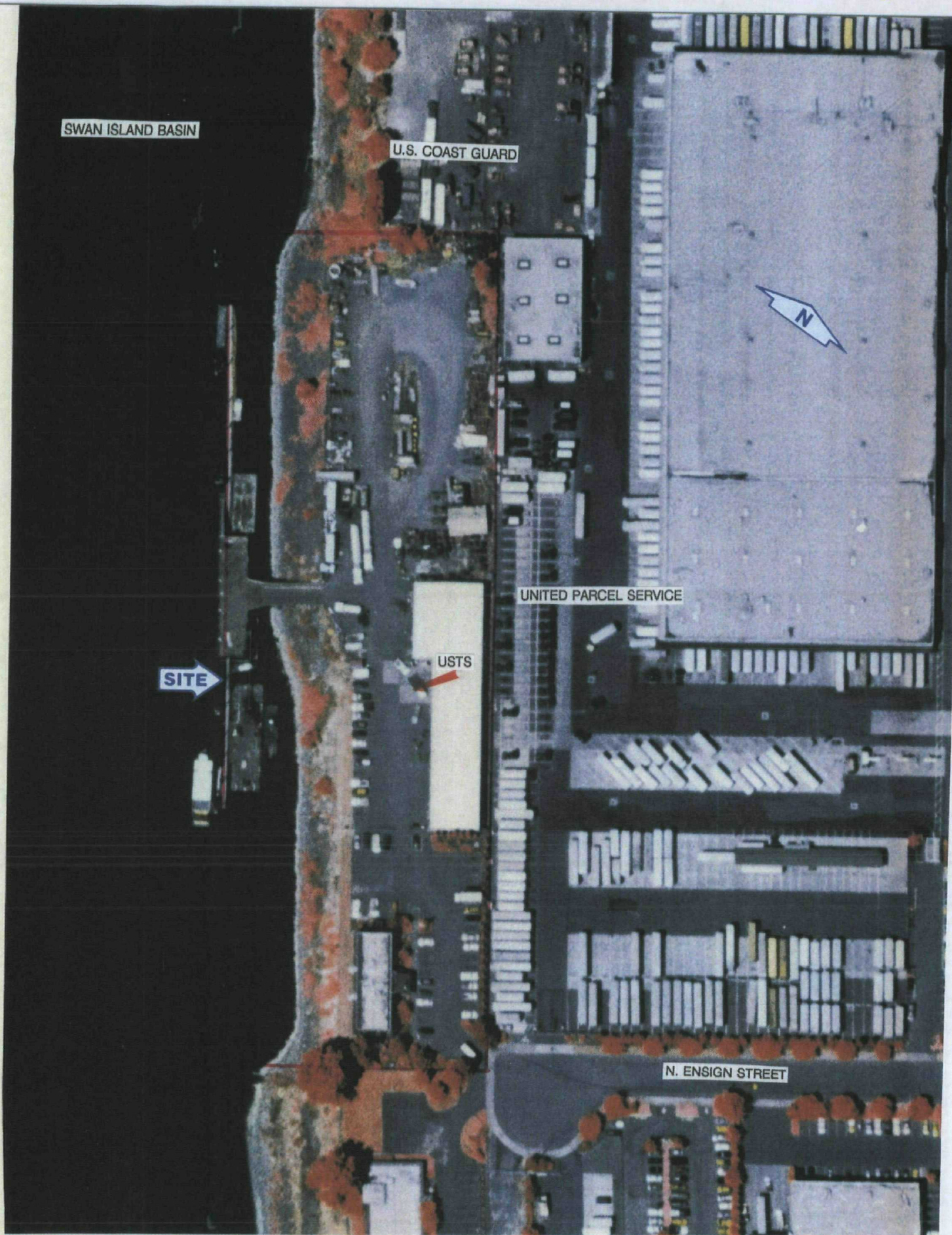


2. These two above-ground diesel tanks are no longer being used and will soon be removed from the site.



3. Three underground storage tanks have been removed from this location. Pumps and vent lines have been left in place in anticipation of the installation of new USTs.

AERIAL PHOTOGRAPH - 1991



AERIAL PHOTOGRAPH - JULY 30, 1991

NOT TO SCALE